

2-2-91  
1238 v.5

~~DAN/KEY~~

THEY SHOULD STOP THE...  
SHELL REPORTS ON WHAT IS BEING DONE. IF  
SMITH & MONROE & GRAY ENGINEERS, INC. HE CANNOT DO THIS  
WE SHOULD TAKE IT  
OURSELVES. ~~HR~~

PARK PLAZA WEST - SUITE 219  
13700 S.W. BEAVERTON HIGHWAY  
BEAVERTON, OREGON 97005  
503 / 643-8610

FAX 503/643-8610

MATERIAL HANDLING & MECHANICAL

CIVIL & STRUCTURAL ENGINEERS

NATE AGREES  
TO DO THIS  
2/4

~~DISREGARD RELATIVE  
TO TODAY'S DISCUSSION  
2/6 HR~~

FACSIMILE TRANSMITTAL

TO: DAN KEPPEN  
KLEIN CONSULTING  
FAX# 357-8067

FROM: S Rinella, SMG

DATE: Feb 2, 91 NO. OF PAGES: ~~(2)~~ 5  
Including Cover Sheet

COMMENTS: ① Original in mail  
② Copies to: Richard Cook, AGCW Portland  
Ken Bone, AGCW Seattle  
Nate Fernow, AG(CG) Seattle

NOTE: PLS DISTRIBUTE  
COPIES TO BOTH  
KEN & NATE.

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SMITH & MONROE & GRAY ENGINEERS, INC.

PARK PLAZA WEST - SUITE 210  
10700 S.W. BEAVERTON HIGHWAY  
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CIVIL & STRUCTURAL ENGINEERS

MATERIAL HANDLING

February 2, 1991

B-163

Dan Keppen  
Klein Consulting Engineers, Inc.  
P.O. Box 808  
Forest Grove, OR 97116

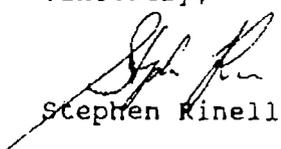
RE: ASH GROVE CEMENT WEST, INC.  
SEATTLE PLANT MODERNIZATION

Dear Dan:

Thank you for your letter proposal dated January 31 and outline of work to address the drainage situation at Ash Grove. Your trip to the site and visit with authorities provided a thorough understanding of the work required.

You are authorized to proceed with the work on the basis of your referenced letter. Provide me with a written status of progress at least every Friday or more often if the situation warrants.

Sincerely,

  
Stephen Kinella, P.E.

cc: Richard Cooke, Ash Grove Portland w/ Klein Proposal  
Ken Rone, Ash Grove Seattle w/ Klein Proposal  
Nate Fernow, Ash Grove Seattle w/ Klein Proposal



**KLEIN CONSULTING ENGINEERS, INC.**

Civil Engineers/Planners/Surveyors

P. O. BOX 208

1828 Cornell Street Forest Grove, OR 97116

503 / 339-5936

January 31, 1991

Smith & Monroe & Gray Engineers, Inc.  
Park Plaza West, Suite 210  
10700 S.W. Beaverton Hwy.  
Beaverton, Oregon 97005

Attn: Steve Rinella

Re: Ash Grove Cement West, Inc.  
Seattle Plant Modernization

Dear Steve:

At your request, we have prepared a cost proposal for engineering services required to develop a scheme and scope of work for an alternative stormwater disposal plan at Ash Grove Seattle. Further, the scope and cost of engineering required to develop capital costs for both the alternate plan(s) and the drywell scheme are included herein.

In an effort to get a better understanding of the site layout and the status of the project relative to the various governmental agencies involved, Andy Klein and I made a trip to Seattle yesterday (January 29). We met with Nate Fernow at Ash Grove and walked the site with him. After briefly reviewing correspondence between Ash Grove and several regulatory agencies, we met with Jim Sifford, METRO Industrial Waste Investigator.

Although we gained some useful information from both sources, the results of our meetings indicate to us that the greater proportion of "engineering" work required in this project will relate to coordination between Ash Grove, Stoneway Concrete Co., and the various governmental agencies involved. To successfully achieve this coordination it will be necessary to thoroughly research past correspondence between Ash Grove and the agencies. The information gained from this research will provide a basis from which we can pursue further guidance from the appropriate authorities and proceed with preliminary design.

A brief schedule of our proposed engineering services required to provide a complete analysis of the problem follows:

1. Research Correspondence

After our meeting with Nate Fernow, it became apparent that some fairly important documentation relative to the site drainage exists which could greatly expedite future dealings with regulatory agencies. Any correspondence between Ash Grove and the City of Seattle, METRO, Washington DOE, etc. relative to storm drainage would be useful to our purpose. For example, METRO provided us with a copy of a minor discharge permit which allows Stoneway to discharge 10,000 gallons of industrial waste water per day to the METRO sewer system. The information available in a document of this type is invaluable.

2. After reviewing the correspondence it would be necessary to summarize our findings and discuss them with Ash Grove. It appears that the drainage issue is a sensitive one between Ash Grove and Stoneway.

Because of this, Ash Grove feedback relative to our approach will be critical. Ash Grove input regarding agency contacts will also be essential and will keep government involvement to a minimum as well as avoid showing the "wrong" agency "too much" information.

3. Prepare a task list to develop agency input

After reviewing correspondence and establishing an accurate assessment of Ash Grove intent, a list of contacts and applicable issues of discussion will be prepared to present to each agency determined to have authority in this project. Prior to contacting each agency, an agenda will be prepared for Ash Grove and you to review. In this manner, the interests of your client can best be served.

4. Set up meetings and/or phone contacts with agencies.

5. Evaluate Agency Requirements

After all agencies have been briefed and questioned, the results of each meeting will be evaluated to further determine the involvement of each party relative to any foreseeable stormwater disposal option.

After determination of design constraints, regulations, fees, etc., design criteria limits can be established. Based upon these requirements, any additional technical fine tuning (i.e. sewer pipe sizes, locations and inverts, etc.) can be obtained in a manner which will directly allow design under the established constraints.

6. Develop Design Alternatives for disposal to pond, public system or combination of both which will comply with established criteria. A suitable technical basis has already been developed relative to drainage design in our prior work.
7. Economic Evaluation of each alternative which will incorporate anticipated construction costs, deposits and fees to City and/or METRO, and related cost items.  
  
Annual costs involving operation, maintenance, and debt retirement can be better developed, analyzed and evaluated by Ash Grove Controller. Nate Fernow already has a good handle on O&M costs.
8. Develop Report which will incorporate all of our findings. Submit to Smith & Monroe & Gray for transmittal to Ash Grove.

The work would be completed on a time and material basis not to exceed \$4,000.

Please call if you or Ash Grove have any questions relative to this proposal.

Sincerely,

KLEIN CONSULTING ENGINEERS, INC.



Dan Keppen

DK:rw